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Restoration Advisory Board Newsletter

Dear RAB members and others with interest! At the June meeting, Mr. Alan Vancil gave an update on the progress of the installation of 2 new biobarriers for the MTBE plume. The work began in May and is expected to be complete in September. Also, Mr. Ernie Lory gave a report on activities planned for the National Environmental Technology Test Site at Hueneme. He provided information about a biodiesel facility and a spill research facility that are in the planning stages.

This month Steve Granade will talk about several new sites being placed in the IR program and the ongoing work at both Hueneme and Mugu.

HUENEME

MTBE Plume

The installation of the 2 new biobarriers is proceeding on schedule. The leading edge barrier (pictured lower right) began operating August 7; the mid-plume barrier is under construction and will be operational in about 3 weeks. The contractor, Battelle, has also assumed operational responsibility for the biobarrier on the grinder and the pump and treat system. Assuming sampling results demonstrate successful operation of the leading edge barrier, the pump and treat system will be turned off in April 2004.

This technology continues to receive recognition and awards. Recently, it was one of 11 projects awarded the "Most Valuable Pollution Prevention Technology" title by the National Pollution Prevention Roundtable. It is also competing for the 2003 Governor's Environmental and Economic Leadership Award in the Technology Innovation Category. Supervisor Kathy Long and Congresswoman Lois Capps wrote endorsement letters, supporting the project.

SITE 19, THE HARBOR

The two projects in the harbor, a deepen-

ing project by the Harbor District and a maintenance dredging project necessary for the Navy, have been delayed. You may recall that disposal of dredge materials was a key issue requiring resolution before these projects could proceed. The solution proved to be using the materials as "fill" at the Port of Long Beach, Pier J, the South Expansion Project. That project has now been delayed, pushing both the deepening project and the Navy's dredging back 15 months or longer.



Piping for the new biobarrier systems is below ground.

Oly's Lake, Site 8

This site is being paved and will be offered for lease. Fill from Site 9, the former Burning Pit, will be used on Site 8. DTSC guidance was followed to determine that the 35,000 cubic yards of fill was "clean". This is not a remedial action; the Remedial Investigation at Site 8 will continue.

MUGU

SITE 6, GOT MILK II

Three months of data from the ongoing pilot test have produced excellent results. The cleanup is happening much faster here than at Site 24 because of the early addition of methane. The pilot is scheduled to run for 14 more months, with the end result likely being full scale implementation of this type of bioremediation.

SITE 5, ELECTROKINETIC SITE

The pilot test was completed June 2003; results were available July 2003. The project was not as successful as the Navy hoped. Metal contamination was reduced, but only by about 50%. The solvent plume that was co-located with the metal contamination shrunk by about 80%. This was important because at the beginning of the test, it was uncertain whether this technology would work on the solvent. However, since the project was not as successful as it needed to be, the team began dismantling the system on August 11; on August 18 excavation of the concentrated metal contaminated soil began. This excavation may well remove the remaining source of solvent as well. Confirmation sampling will be conducted to verify results. In the meantime, the Remedial Investigation of this site continues and a final remedy will be proposed.

NEW SITES

As a result of investigations of previously operational ranges, 5 new UXO (unexploded ordnance) sites have been added to the program and put into the "NORM" database for funding. Three of the sites are at Mugu, and 2 are at Hueneme. Steve Granade will discuss these new sites at the regular meeting in September.



Mid-plume trench being prepared for well and piping installation; shed at left will house oxygen generator, air compressor and storage tanks.



Small sheds at both locations house equipment to minimize impact to above ground land use

That's our news since June. Please make plans to join us on September 4th. If you have any questions, please don't hesitate to call me, Gail Pringle, at 982-2969 or e-mail Gail.Pringle@navy.mil